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Search scope: JP (bibliographic data only)
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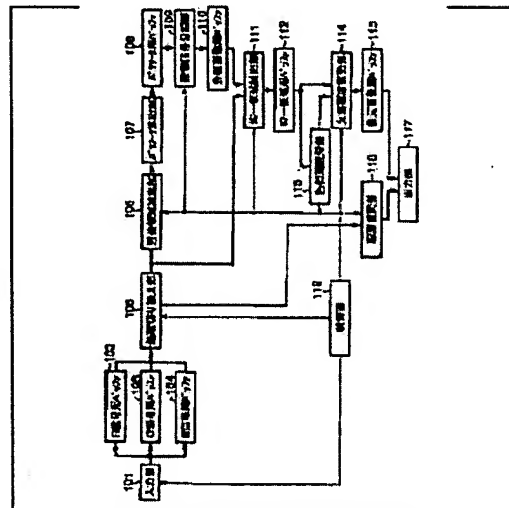| Order This Patent | Family Lookup | Find Similar | Legal Status |

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JP2000224601 A
IMAGE PROCESSOR AND RECORDING MEDIUM STORING IMAGE PROCESSING PROGRAM
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Abstract:

PROBLEM TO BE SOLVED: To provide an image processor capable of highly accurately restoring omitted chrominance signals at high speed. SOLUTION: Concerning the image processor having a single, double or triple pixel shift type image pickup system, this device is provided with a parameter calculating means (nearby area extracting part 106 and parameter calculating part 107) for calculating a parameter for area division from at least, one nearby area including a present concerned pixel by successively scanning image signals for the unit of pixel, an image signal dividing means (image signal dividing part 109 and uniform area extracting part 111) for dividing the image signal into uniform areas, for which a single correlative color relation is established, on the basis of the calculated parameter, a returning means (color correlation returning part 113) for returning the correlative color relation between chrominance signals existent in the uniform area as a line form, and a recovering means (omitted pixel restoring part 114) for recovering the omitted chrominance signals on the basis of the chrominance signals existent in the uniform area and the line form.

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Int'l Class: H04N00907
H04N00909   H04N00964

Patents Citing This One (1):
→ WO2005002237 A1 20050106 NIKON CORPORATION
SIGNAL CORRECTING METHOD

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